

COMPOSITE FIBER FOR ABSORPTIVE MATERIAL WITH SENSOR

ABSTRACT OF THE DISCLOSURE

An absorbent fiber is constructed to include a hydrophobic exterior and a hydrophilic interior for use in various absorbent constructions as an absorbent, capture and entrain liquids and attendant odors. A moisture monitoring device can be included in the absorbent fiber to detect a designated moisture level absorbed by the absorbent fiber. The moisture monitoring device includes a sensing device for detecting moisture absorbed by the absorbent fiber; and an alert device for receiving a signal from the sensor device when the sensor device detects a specified moisture level in the absorbent fiber. When the signal is received, the alert device issues an audible sound or otherwise notifies the user.

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